

ABSTRACT OF THE DISCLOSURE

5 A transceiver apparatus for creating a
wireless personal local area network between a
computer terminal and one or more peripheral
devices. A separate transceiver is connected to
the computer terminal and to each peripheral
device. The transceivers can be connected to
the terminal or peripheral device either
10 internally or externally. A low power radio is
used to communicate information between the
computer terminal and peripheral devices.
Different transceivers can be used for modifying
the carrier frequency and power of the local
15 area network. The microprocessor is located
inside each transceiver and controls the
information flow of the transceiver including
the communication protocol which allows each
device to know if other devices are
20 communicating, which devices are being
communicated to, and selectively address the
peripheral devices. An Idle Sense communication
protocol is used for information transfer
between the computer terminal and the peripheral
25 devices, increasing efficiency in power
management and compensating for transmission
collisions.